

TRANSFER ROBOT

The diagram illustrates a transfer robot system. On the left, a dashed outline shows a robotic arm. The main system consists of a horizontal beam (16) supported by a base (11b). Various components are connected to the beam via vertical links and valves:

- Component 4 is connected to the left end of the beam (16) via link 5 and valve 3.
- Component 14 is connected to the beam via link 17 and valve 17.
- Component 18 is connected to the beam via link 8b and valve 9b.
- Component 10b is connected to the right end of the beam (16) via link 7b and valve 10b.

Other components include a motor (20) driving a piston (13), a control unit (19) receiving signals from the system, and a sensor (2a) monitoring the piston (13). The beam (16) also features a central actuator (14) and a valve (16).